ZXDSL 831AII



ZXDSL 831AII is a piece of equipment featuring a routing function in the ZTE ADSL MODEM series products. It is self-adaptive to multiple line transmission modes and provides a 10/100Base-T Ethernet interface and a USB interface at the user end. By means of high-speed ADSL access service, ZXDSL 831AII is capable of providing users with broadband Internet services or access to the enterprise network of the corporation.

Main Features

- Supporting ADSL2/2+, with maximum downstream of 24Mbps and maximum upstream of 3Mbps
- Supporting Bridge or Router mode, NAT, DHCP server and UPnp function
- Supports PPPoE (RFC2516), PPP (RFC2364), and IP (RFC 2225/RFC1577) over ATM over ADSL
- High reliability, simple operations and low power consumption
- Supporting WEB page setting, remote management function, and rapid configuration function
- Configuration files can be backed up to the local computer, and stored configuration files can be uploaded to ZXDSL 831AII

Software Specification

- ADSL Standard: ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt),G.992.2 (G.lite), G.994.1(G.hs)
- ADSL2/2+ Standard: ITU G.992.3(G.dmt.bis), G.992.5
- ATM Feature
  - ATM Forum UNI 3.1 / 4.0 Permanent Virtual Circuits (PVCs)
  - UBR /CBR/VBR
  - 8 PVC
  - OAM F4/F5 Loopback
- Bridging and Routing Feature
  - self-learning bridge (IEEE 802.1D Transparent Bridging)
  - Supporting NAPT
  - Supporting ALGs (Application Level Gateways): Such as NetMeeting, MSN Messenger, FTP, QuickTime, mIRC, Real Player, CuSeeMe and VPN pass-through
  - Supporting port mapping
  - Supporting DMZ
  - Supporting static routing
  - Supporting UpnP IGD (Internet Gateway Device) with NAT traversal capability
  - Supporting DNS Relay/Dynamic DNS
  - Supporting DHCP Server/Relay/Client
  - Supporting Firewall
- Security features
  - PAP (RFC1334), CHAP (RFC1994) for PPP session

• Supporting a simple firewall function (based on IP address/port No./protocol-type IP packet filtering)

• Supporting DOS (Denial of service) that detects & protects a number of attacks

- Management

• SNMP V1/2, WEB or Telnet

• Provide WEB upgrade mode

• 2-Level user password

• Diagnosis function(ADSL BER or PPPoE server discovery, etc.

• Version E-signature

Hardware Specification

- Interface

• 1*10/100Base-T Ethernet interface (RJ-45) IEEE802.3/802.3u standard

• 1 USB interface USB1.1 standard

• 1 ADSL interface (RJ-11)

• 1 button that hides and recovers ex-factory default setting

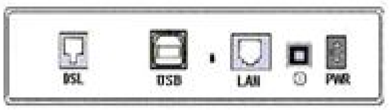
- Dimension: 140 mm (L)´ 110 mm (W)´ 36 mm (H)
- Power and Environment

• Power consumption: less than 9W

• Power adaptor: Input 220 ±20% VAC, Output 9 VAC, 1A

• Operation temperature: 0°C ~ 45°C

• Humidity: 10~90% (no-condensation)



831AII Rear Panel